

RECEIVED
CENTRAL FAX CENTER

JAN 06 2006

OFFICIAL

CARDINAL LAW GROUP

1603 Orrington Avenue/Suite 2000
Evanston, Illinois 60201
Telephone 847-905-7111
Facsimile 847-905-7113

Date: JANUARY 6, 2006

To: EXAMINER PENDLETON, BRIAN T.
U.S. PATENT AND TRADEMARK OFFICE

Fax #: (571) 273-8300

From: FRANK C. NICHOLAS
Phone #: (847) 424-2521

Client/Matter No.: GP-304038 (2760/158)

of Pages: 18
(including cover sheet)

IF YOU HAVE ANY PROBLEMS RECEIVING THIS MESSAGE, PLEASE CALL 847/905-7111, Ext. 112 AND ASK FOR JENNIFER CRUZ

THIS MESSAGE IS INTENDED ONLY FOR THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED. IT MAY CONTAIN PRIVILEGED, CONFIDENTIAL, ATTORNEY WORK PRODUCT, OR TRADE SECRET INFORMATION WHICH IS EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAWS. IF YOU ARE NOT THE INTENDED RECIPIENT, OR AN EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE (AND ALL COPIES) TO US BY MAIL AT THE ABOVE ADDRESS. WE WILL REIMBURSE YOU FOR POSTAGE.

PTO/SB/21 (12-97). Approved for use through 8/30/00. OMB 0651-0031. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

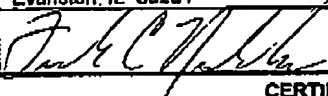
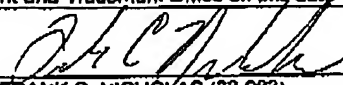
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Attorney Docket No.	GP-304038 (2760/158)
	Application Number	10/784,569
	Filing Date	FEBRUARY 23, 2004
	First Named Inventor	UMA ARUN
	Group Art Unit	2644
	Examiner	PENDLETON, BRIAN T

RECEIVED
CENTRAL FAX CENTER
JAN 06 2006

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated December 1, 2005 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings: <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below). <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 07-0960 (GENERAL MOTORS CORPORATION). A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 07-0960 (GENERAL MOTORS CORPORATION). A duplicate copy of this sheet is enclosed.		

CALCULATION OF FEE

				Small Entity		Large Entity			
	Claims After Amendment		Highest No Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus		0	x \$25=	0		x \$50=	
Indep		Minus		0	x \$100=	0		x \$200=	
First Presentation of Multiple Dep. Claim					+ \$180=	—		+ \$360=	
					total add'l fee	\$ 0		total add'l fee	\$ 0

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or individual name	FRANK C. NICHOLAS Registration No. 33,983 CARDINAL LAW GROUP 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201	
Signature		Date JANUARY 6, 2006
CERTIFICATE OF FACSIMILE		
I hereby certify that this correspondence is being transmitted by facsimile to (571) 273-8300 to the U.S. Patent and Trademark Office on this date: JANUARY 6, 2006		
Signature	 FRANK C. NICHOLAS (33,983)	Date JANUARY 6, 2006

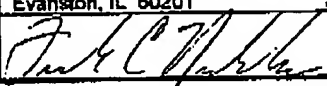

PTO/SB/21 (12-97), Approved for use through 8/30/00. OMB 0651-0031. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Attorney Docket No.	GP-304038 (2760/158)
	Application Number	10/784,569
	Filing Date	FEBRUARY 23, 2004
	First Named Inventor	UMA ARUN
	Group Art Unit	2644
	Examiner	PENDLETON, BRIAN T.

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Response to Office Action Dated December 1, 2005 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Status Letter <input type="checkbox"/> Extension of Time Request (duplic) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawings. <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Post Card Receipt <input type="checkbox"/> Additional Enclosure(s) (please identify below) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 07-0960 (GENERAL MOTORS CORPORATION). A duplicate copy of this sheet is enclosed.		
<input checked="" type="checkbox"/> I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 07-0960 (GENERAL MOTORS CORPORATION). A duplicate copy of this sheet is enclosed.		

CALCULATION OF FEE

				Small Entity		Large Entity			
	Claims After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus		0	x \$25=	0		x \$50=	
Indep.		Minus		0	x \$100=	0		x \$200=	
First Presentation of Multiple Dep. Claim					+ \$180=	—		+ \$360=	
					total add'l fee	\$ 0		total add'l fee	\$ 0

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	FRANK C. NICHOLAS Registration No. 33,983 CARDINAL LAW GROUP 1603 Orrington Avenue, Suite 2000 Evanston, IL 60201		
Signature		Date	JANUARY 6, 2006
CERTIFICATE OF FACSIMILE			
I hereby certify that this correspondence is being transmitted by facsimile to (571) 273-8300 to the U.S. Patent and Trademark Office on this date: JANUARY 6, 2006			
Signature		Date:	JANUARY 6, 2006
FRANK C. NICHOLAS (33,983)			

RECEIVED
CENTRAL FAX CENTER

JAN 06 2006

Certificate of Facsimile
I hereby certify that this correspondence is being transmitted
by facsimile to the U.S. Patent and Trademark Office
at (571) 273-8300 January 6, 2006
(Date of Facsimile)

FRANK C. NICHOLAS (33,983)
Name of applicant, assignee or registered representative


Signature

January 6, 2006
Date of Signature

PATENT
Case No. GP-304038
(2760/158)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

UMA ARUN

Serial No.: 10/784,569

Filed: FEBRUARY 23, 2004

Title: DYNAMIC TUNING OF HANDS-
FREE ALGORITHM FOR NOISE
AND DRIVING CONDITIONS

Examiner: PENDLETON BRIAN T.

Group Art Unit: 2644

RESPONSE TO OFFICE ACTION DATED DECEMBER 1, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22202-1450

Dear Sir:

This is a response to an Office Action dated December 1, 2005. The Applicant
responds as follows: